Info-Hams Digest   Tue, 18 Jan 94   Volume 94 : Issue   51

Today's Topics:
                73: Solar battery charger article request
                   Anyone know of a callsign server?
                 ARRL DX Bulletin #1 - January 4, 1994
                 ARRL DX Bulletin #3 - January 12, 1994
                 BRAIN CANCER, LEUKEMIA FROM HAM RADIO
                            Cancer and You
                              CW Books
                   FM Broadcast (Technical Aspects)
                             FY5FY ?
                      New QRZ Ham Radio CDROM
                             QRD?
                  Ramsey FX Transceivers (2 msgs)
                      Short 160m Dipole
                    Still need FM5CW route
                      Top 20 repeaters
                Unix ham radio control program
                VK2SG RTTY DX Notes, 14 January
               WANTED: CALL SIGN SERVER IN INTERNET

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 16 Jan 94 10:45:44 PST
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!news.intercon.com!udel!
news.sprintlink.net!crash!slic!mikey@network.ucsd.edu
Subject: 73: Solar battery charger article request
To: info-hams@ucsd.edu

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

> In article <2h9m39$8u6@senator-bedfellow.MIT.EDU> jchang@mit.edu (John Chang)
> >
> >Does anyone know where to get solar panels inexpensively? Real Goods
> >(800-762-7325) sells a 10-watt Solarex panel for $149 + shipping,
> >which seems high to me.
>
> Well of course, everything Real Goods sells is two to three times higher
> than you can get it elsewhere. It's that "green" label don't you know.
> Try Northern Hydraulics, they have a 40 watt panel they sell for $99 with
> charge controller.

$.40 per watt is great and with a controller to boot. Tell us
where these guys are and/or their phone number please.

--   Mike Shirley   San Diego, CA USA   HAM:WB6WUI
        mikey@slic.cts.com   guaranteed: mikey@crash.cts.com
        mikey-pkey@slic.cts.com will send you my PGP Public Key
        pgp-info@slic.cts.com   will send you some info on PGP

Date: Mon, 17 Jan 1994 06:01:52 GMT
From: olivea!charnel!rat!zeus!trumpet.aix.calpoly.edu!snorris@uunet.uu.net
Subject: Anyone know of a callsign server?
To: info-hams@ucsd.edu

Does anyone know if and where a callsign server exists? I thought I saw
some discussion on this a while ago, but I didn't get around to reading
the posts. Any help would be appreciated, thanks.

Sean

Sean Norris   snorris@trumpet.aix.calpoly.edu
--KE6BTE-- Electronic Engineers do it with less resistance.

Date: Mon, 17 Jan 1994 10:12:35 -0700
From: usenet.coe.montana.edu!netnews.nwnet.net!news.clark.edu!spool.mu.edu!
howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!
alberta!adec23!usenet@decwrl.dec.com
Subject: ARRL DX Bulletin #1 - January 4, 1994

To: info-hams@ucsd.edu

ZCZC AE98
QST de W1AW
DX Bulletin 1 ARLD001

Date: Mon, 17 Jan 1994 10:13:28 -0700
From: olivea!spool.mu.edu!howland.reston.ans.net!math.ohio-state.edu!
cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!adec23!usenet@decwrl.dec.com
Subject: ARRL DX Bulletin #3 - January 12, 1994
To: info-hams@ucsd.edu

ZCZC AE01
QST de W1AW
DX Bulletin 3 ARLD003

Date: 17 Jan 94 15:55:02 GMT
From: news.cerf.net!pagesat.net!netsys!agate!howland.reston.ans.net!gatech!
concert!news.duke.edu!duke!wolves!psybbs!fredmail@network.ucsd.edu
Subject: BRAIN CANCER, LEUKEMIA FROM HAM RADIO
To: info-hams@ucsd.edu

on <Jan 11 14:49>, Ken Edwards to All said:

 KE> True that the hand-helds are 1/2 w, but the EM fields are much
 KE> more intense (literally right against your skull). The
 KE> police handhelds typically are the 'walkie-talkie' style and
 KE> they have also learned to point the antenna away from the
 KE> body (head in particular), thereby greatly reducing the
 KE> field intensity. The EM field intensity has an inverse [...]

 KE> We have through research seen various effects on the body at
 KE> various frequencies. Example, your microwave is set at a
 KE> particular frequency that will excite water molecules,
 KE> thereby creating heat. At 27 Mhz (CB frequencies), the EM
 KE> field has an affect on the sleep center of the brain.

Which is why, I suppose, so many of the guys on 11 meters sound
as though their brains aren't fully engaged--they're fighting
off sleep!   ;-)

     73 de Ken, AC4RD--also in Raleigh!

Date: 16 Jan 1994 20:36:01 GMT
From: ucsnews!sol.ctr.columbia.edu!math.ohio-state.edu!cs.utexas.edu!
geraldo.cc.utexas.edu!astro.as.utexas.edu!oo7@network.ucsd.edu
Subject: Cancer and You
To: info-hams@ucsd.edu

rich@mulvey.com suggests:

>>taaron@netcom.com (taaron@netcom.com) wrote:
>>: Tell me, if ham radio causes cancer, why is it that all the ham radio
>>: club meetings are filled with old people with few health problems other
>>: than normal ones for their age?

>Then how come it seems like all we hear in our QSO's is RST, rig,
>and the other op's Ailment Of The Week? :-)

It's only those hams who are in good enough shape to lever themselves
out of their operating chairs and stagger out of the house who can make
it as far as the club meetings.

Derek "not the comfy chair!" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Sun, 16 Jan 1994 22:07:10 GMT
From: wri!pea@uunet.uu.net
Subject: CW Books
To: info-hams@ucsd.edu

Can anyone recommend some good books on copying code??

Next test date is in March here, and I want to be ready
to "ace" the 13wpm general class code test. I'm using
SuperMorse and listening to code on my radio. I remember
hearing about a book or two that describes how to copy
behind and gives other hints and tips on copying code.

Any recommendations or suggestions would be appreciated.

Bruce
s

Date: Mon, 17 Jan 1994 03:05:00 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
newsserver.jvnc.net!raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!
asirene@network.ucsd.edu
Subject: FM Broadcast (Technical Aspects)
To: info-hams@ucsd.edu

Gary Coffman KE4ZV mentioned:-

>1) redesign the modulator to do 75 kHz deviation.

 Yes this is certainly the case, if he wanted to broadcast
WFM (which I suppose is the idea anyway).

>2) redesign the PLL synthesizer to cover the new range.

 I don't know about this, there are some handhelds which already
cover (on RX) these bands or at least very close. I suspect then that
those PLLs have the inherent ability to receive the 88-108 without
redesign. What needs to be changed is the controller. Similar things
have been done in some mods for handhelds. Given that the PLL can already
reach the frequency, it must be that the computer automatically disables
TX on unauthorized bands and I presume this could be over-ridden manually
or something similar. Just a theory.

>3) rebuild the driver and PA output networks.

 Probably, if you want maximum efficiency and its a high power
unit so you don't destroy output section.

:) 73 de Daniel

Date: Sun, 16 Jan 1994 02:33:36 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!news.intercon.com!
psinntp!gdstech!gdstech!bat@network.ucsd.edu
Subject: FY5FY ?
To: info-hams@ucsd.edu

FY5FY is via Didier Bironneau, BP 166 Koutou 97310,
 French Guyana.
--
---
*   Pat Masterson   D12-25 | KE2LJ@KC2FD   *
*   Grumman Data Systems | 516-346-6316.   *
*   Bethpage, NY 11746 | bat@gdstech.grumman.com   *

Date: Mon, 17 Jan 1994 05:16:29 GMT
From: world!dts@uunet.uu.net
Subject: New QRZ Ham Radio CDROM
To: info-hams@ucsd.edu

In article <9401161828591.gilbaronw0mn.DLITE@delphi.com> gilbaronw0mn@delphi.com
(Gilbert Baron) writes:
>>gilbaronw0mn@delphi.com (Gilbert Baron) writes:
>>
>>>>Announcing the new QRZ! Windows Ham Radio CDROM
>>>>
>>>>Well, we've finally finished it and there are a bunch of new features.
>>>>First off, in addition to the DOS search program, we now have a
>>
>>>Have you corrected the birthdates. All of the listings for Rochester
>>>Minnesota for instance list the Birth Date as 1 day after the
>>>actual. How did such an error get in the thing?
>>
>>
>>Maybe this is how QRZ! figures out if someone has wholesale
>>pirated their CD. I have QRZ! but haven't even bothered to
>>check if my own data is correct on it, maybe I should :-).
>>
>>I did find my FT-990 mod, which was posted to the Internet, in
>>there. Perhaps I should ask Fred for a free copy on the next
>>release :-) :-).
>>
>>73
>>
>>Kok Chen, AA6TY   kchen@apple.com
>>Apple Computer, Inc.
>>
>I wrote to QRZ (email) anbd they said the birtday error was only an early
>release. I guess i got took at the hamfest? Anyhow they said it has been
>corrected. They can't spend the money to remove deceased hams though!
>
>   Gil Baron, El Baron Rojo, W0MN Rochester,MN
>   "Bailar es Vivir"
>   PGP2.3 key at key servers or upon request
>
>

Uh, folks, Fred Lloyd posted a note here about the date of birth error a few
weeks after the spring CD came out. A new program for that disc was immediately
posted to an FTP site that fixed the problem. The new (fall) disc does not
have this problem.

Dan Senie N1JEB
--

Daniel Senie   Internet: dts@world.std.com
Daniel Senie Consulting   n1jeb@world.std.com
508-365-5352   Compuserve: 74176,1347

Date: 17 Jan 94 11:35:41 CST
From: news.cerf.net!pagesat.net!olivea!spool.mu.edu!howland.reston.ans.net!
cs.utexas.edu!swrinde!menudo.uh.edu!hounix!mwk!gleason@network.ucsd.edu
Subject: QRD?
To: info-hams@ucsd.edu

   I was listening to a folk music CD yesterday, and heard a song
that had some morse code at the beginning...it used a Q signal
I wasn't familiar with, and couldn't find in the ham doccos I
had laying around...anyone know what "QRD" means?

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

Date: 18 Jan 94 16:01:04 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ramsey FX Transceivers
To: info-hams@ucsd.edu

Text item: Text_1

>   That's all well and fine, but do you honestly believe that consumers
>have an obligation to do the product engineering that the manufacturer
>should have done in the first place?
>Rich Mulvey Amateur Radio: N2VDS Rochester, NY

As a matter of fact, I do. I went through the exact same thing with
Harley Davidson during the '70s. Harley's were lousey then and now
they are the most successful motorcycle company in the world. If
everyone had your attitude, Harley would no longer exist.

73, Cecil, kg7bk@indirect.com

Date: Tue, 18 Jan 1994 16:55:29 GMT
From: sdd.hp.com!spool.mu.edu!howland.reston.ans.net!cs.utexas.edu!swrinde!
elroy.jpl.nasa.gov!newncar!csn!yuma!galen@network.ucsd.edu
Subject: Ramsey FX Transceivers
To: info-hams@ucsd.edu

In article <940118080104_2@ccm.hf.intel.com> Cecil_A_Moore@ccm.hf.INTel.COM (Cecil
A Moore) writes:
>>   That's all well and fine, but do you honestly believe that consumers
>>have an obligation to do the product engineering that the manufacturer
>>should have done in the first place?
>>Rich Mulvey Amateur Radio: N2VDS Rochester, NY
>
>As a matter of fact, I do. I went through the exact same thing with
>Harley Davidson during the '70s. Harley's were lousey then and now
>they are the most successful motorcycle company in the world. If
>everyone had your attitude, Harley would no longer exist.
>73, Cecil, kg7bk@indirect.com

Didn't H-D change ownership around this time? I seem to remeber Hogs were'nt
a good buy in the 70's and early 80's but after Americans bought it back from
the Japanese parent company, quality shot thru the roof.

Maybe Ramsey should sell now, and buy back in about ten years.

I believe kits should be engineered better than assembled gear, since there
are more variables and less quality control with kit assembling as opposed
to factory assembling and testing.

Many people buy kits because they can't afford assembled. If they can't afford
assembled, how can they afford the test gear to get a poorly designed kit to
work?

Maybe Ramsey should pre-assemble and test things like synths and filters.

Galen, KF0YJ

Date: Mon, 17 Jan 1994 10:40:51 -0500
From: swrinde!cs.utexas.edu!howland.reston.ans.net!sol.ctr.columbia.edu!
hamblin.math.byu.edu!yvax.byu.edu!cunyvm!rohvm1!rohvm1.mah48d@network.ucsd.edu
Subject: Short 160m Dipole
To: info-hams@ucsd.edu

In article <1994Jan14.133016.11917@syma.sussex.ac.uk>,
mpfb8@syma.sussex.ac.uk (Peter Reed) wrote, in part:

> What I would like to do is get up a 160m dipole, SHORTENED to the length
> of, say, an 80m dipole so that I could leave it up permanantly -
> I have thought about inserting some L in the centre of each leg to
> effectively lengthen it but when you work out the values, the coil would
> be large / long / lots of turns if it were to be low loss / high Q.

Don't worry about the loss in the coils; it'll be small relative to the
loss from operating less than a quarter-wavelength above ground. I'd
adjust the antenna length and coils for about a quarter of the way from the
bottom end of the 160-m band, put the coils about in the middle of each leg
of the dipole, and use a tuner to cover the whole band (which is, in fact,
what I plan to do when I get around to it :-)). Because you're working
at relatively low frequencies, I suspect you'll have to live with the large
inductances. You might reduce the size of the coils a bit by winding them
around a ferrite core _of the proper material_. Make sure it's a suitable
material for 160 meters.

--
73 de John Taylor   W3ZID
rohvm1.mah48d@rohmhaas.com

Date: Sun, 16 Jan 1994 02:40:40 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!news.intercon.com!
psinntp!gdstech!gdstech!bat@network.ucsd.edu
Subject: Still need FM5CW route
To: info-hams@ucsd.edu

 The reported route we have for FM5CW is via the French
QSL Buro. That address is on p. 18A of the 94 callbook.
--
--
*   Pat Masterson   D12-25 | KE2LJ@KC2FD   *
*   Grumman Data Systems | 516-346-6316.   *
*   Bethpage, NY 11746 | bat@gdstech.grumman.com   *

Date: Tue, 18 Jan 1994 07:33:39 GMT
From: hearst.acc.Virginia.EDU!murdoch!cisco-slip9.acc.virginia.edu!
user@uunet.uu.net
Subject: Top 20 repeaters
To: info-hams@ucsd.edu

I need help.
Somewhere I remember reading in QST about the top 20 (or 30?) repeater
frequencies. That is, those frequencies most frequently used for

repeaters.
I don't have access to my QSTs right now. Can someone direct me to this
information on the Net (or even better, just mail me the freqs)?
Please respond by mail if you can to: glm6m@poe.acc.virginia.edu.
Any response is appreciated.
MNI TNX es 73,
de WQ3U

        "A little knowledge is a dangerous thing ..."

Date: Sun, 16 Jan 1994 03:32:45 GMT
From: munnari.oz.au!metro!extro.ucc.su.OZ.AU!terryd@tcgould.tn.cornell.edu
Subject: Unix ham radio control program
To: info-hams@ucsd.edu

cmoore@mothra.rose.hp.com (Chris Moore) writes:

>As an offshoot of my project of writing an X11 logging program, I've decided
>I'd like to tackle writing a generic radio control program for Unix-like
>systems. My idea is something like this:
> - A server process could be configured with information about what kind(s)
>   of radio(s) you have, what serial ports to use, etc.
> - The server would accept connections from other processes that want
>   to interface with the radio.
> - The server would communicate with the processes using some kind of
>   generic radio control protocol.

Sounds like a great idea Chris.

I set up a channel on niksula.hut.fi some time ago for discussions for
development for Amateur Radio applications for Linux, feel free to use
it if you want, noone has thus far :)

Its the HAMS channel (terrible name, but it needed to be short)

To join the HAMS channel of the Linux-activists mailing list
send mail to
        linux-activists-request@niksula.hut.fi
with the line
        X-Mn-Admin: join HAMS
at the top of the message body (not the subject).

Terry

--

--- Terry Dawson, terryd@extro.ucc.su.oz.au

```
================================================================
|  Automatic relayed from packet radio via             |
|           N8EMR's Ham BBS, 614-895-2553                  |
================================================================
```

SB DX @ WW $RTDX0114
VK2SG RTTY DX Notes, 14 January
VK2SG RTTY DX Notes for week ending 14 January 1994 (BID RTDX0114)

Our information this week came from 9X5LJ, DJ3IW and the Central
Europe DX Cluster Node DB0SPC, I5FLN, IK5AAX and the IK5PWJ Packet
Cluster, W2JGR And The NJ0M NODE of the Twin-Cities DX Packet Cluster,
WA1MPB, WA4MCZ, W5KSI, WX5L and ZS5S. Thank you all for your
assistance.

Bandpass

Friday 7
0912-14080 5W1KT
0942-14086 S53AX
1208-21084 VK6HD
1235-14091 VK4FRT
1327-21091 FG5FI
1335-21082 4U1ITU
1346-21085 4X6UO
1354-21090 OD5PL
1545-21085 C6A/AA5AU
1607-21088 VP5/WA0VQR

Saturday 8
0336- 7080 VP5/WA0VQR
0942-14088 K5KWG/ZA
1109-14084 UX0KC
1159-14083 US8AR
1252-21091 OD5PL QSL HB9CRV
1338-21090 5R8DS
1341-21087 4X6UO
1423-14082 YL2GD

```
1425-14089  OK1AJN
1518-14090  LY1BZB
1630-14088  J28JJ
1803- 7040  UR0HQ
1810- 7040  UN5PR
1815- 7041  4X/OK1FGC
1819- 7035  S52OR
1821- 3590  YL1ZR
1823-14084  WH6I
1832- 7039  4Z85TA
1834-28082  PJ2MI
1838-28084  A22MN
1841-28082  HP2CWB
1845-28077  HH2PK
1859- 7041  RZ1AWT
1908- 7033  TA2FT
1910- 7032  SV1ATS
2123-14101  C6A/AA5AU
2127- 7038  CN8NP
2134-21078  PJ0/N9FTC
2155-14076  A22MN
2206- 3578  SV2BFN
2215- 7035  VK6HD
2217- 7038  UZ9CWA
2241-21093  KP2N
2309- 7037  HH2PK

Sunday 9
0012-14086  VP5/WA0VQR
0150- 7075  UR0HQ
0234- 7087  S57MM
0234- 3590  C6A/AA5AU
0341- 3601  HP1XBH
0521- 7078  8P6AW
0637-14082  UU2JI
0657-21084  UN5PR
0705-14083  UX0FF
0900-14083  BZ1QL
0902-21086  HL9FC
0941-14086  VK7YP
1053-21086  CU1AC
1055-21091  UR5LBX
1101-21081  A45ZX
1107-21078  UR0HQ
1115-14087  KP2N
1142-28082  V50CM
1201-21081  S57MM
1241-21082  J28JJ
```

```
1252-21084  9K2IC
1329-21098  GU4RWP
1331-21085  PJ2MI
1335-21088  A22MN
1351-21095  SV2BFN
1352-21082  4Z85TA
1356-21083  HH2PK
1406-21098  HP1XBH
1414-21102  HP1AC
1453-21075  C6A/AA5AU
1454-21082  XE1/DJ6OV
1600-21093  GI0KOW
2148- 7039  VK6HD
2325-14092  HS0A


Monday 10
Typical report 'the day after contest'
1349-14084  LY2ZZ
1720-14086  VP5/WA0VQR
1751-21088  PJ0/N9FTC


Tuesday 11
1345-14088  RW6XW
1434-14084  UX0KC Ukraine
1440-14085  GI0AIQ
1452-14087  UT5RP
1556-21084  VQ9WL
1626-21090  5R8DS
1652-21086  PJ2MI


Wednesday 12
0109-14086  S92ZM
1053-14085  LY2BBF
1142-28082  U50CM
1303-14083  VQ9TS
1308-14083  A45XC
1638-21088  S53J
1706-21083  5R8LD
1909-14084  TZ6FIC
1913-14084  P4/W1EKT


Thursday 13
WWV A= 23 K= 3
2153-14088  V50PV


Notes of Interest.

St Peter & St Paul, PY0. The three week DXpedition that was to take
```

place 10 January will be delayed til 20 January and will be for two
weeks. QSL RTTY contacts to Karl, PS7KM.

Peter 1 Island, 3Y. This DXpedition is on schedule and the first
members of the group should be on the Falklands now. Look for VP8BZL
for a few days from Pt Stanley. Arrival on Peter 1 around 1 February,
departure on 16 February.

For next week's bulletin, send your Bandpass and Notes of Interest to
Jules, W2JGR @ W2TKU.#SRQ.FL.USA.NA

Remember, DX Don't Sleep.

GL DE Bob, WB2CJL @ W5KSI.@NOLA.LA.USA.NA
/EX
SP KT7H @ N7DUO.WA.USA.NA

Date: Sun, 16 Jan 94 19:46:54 EST
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!gatech!bloom-
beacon.mit.edu!noc.near.net!news.delphi.com!usenet@network.ucsd.edu
Subject: WANTED: CALL SIGN SERVER IN INTERNET
To: info-hams@ucsd.edu

I am looking for a call sign server a-la buckmaster
accessible on line through the internet...
i thought that there was one in buffalo???

sites and login appreciated

tnx de N1QDQ

Date: (null)
From: (null)
--
James J. Reisert Internet: reisert@wrksys.enet.dec.com
Digital Equipment Corp. UUCP: ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street - MLO3-6/C9 Voice: 508-493-5747
Maynard, MA 01754 FAX: 508-493-0395

Date: (null)
From: (null)
--

```
James J. Reisert  Internet:  reisert@wrksys.enet.dec.com
Digital Equipment Corp.  UUCP:    ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street - MLO3-6/C9 Voice:    508-493-5747
Maynard, MA  01754  FAX:    508-493-0395

------------------------------

End of Info-Hams Digest V94 #51
******************************
******************************
```